

AMENDMENTS TO THE CLAIMS:

Please replace the claims with the claims provided in the listing below wherein status, amendments, additions and cancellations are indicated.

Claims 1 - 8 - (Canceled)

Claim 9. (New) Method for treating ethanolamine (ETA)-containing wastewater, comprising the steps of:

- a.) treating ETA-containing wastewater with sodium hydroxide to a pH of 8 to 12.5;
- b.) precipitating and separating minerals in said ETA-containing wastewater;
- c.) filtering said wastewater; and
- d.) performing electrolysis of said wastewater in an electrolyzer to reduce chemical oxygen demand (COD) value of said wastewater to an environmentally acceptable discharge level.

Claim 10. (New) Method for treating ETA-containing wastewater according to claim 9, wherein hydrogen gas and oxygen gas produced by said electrolysis are sent to a decomposition gas treatment unit and then released to atmosphere.

Claim 11. (New) Method for treating ETA-containing wastewater according to claim 9, wherein said wastewater that has been electrolyzed is re-filtered and electrolyzed again.

Claim 12. (New) Method for treating ETA-containing wastewater according to claim 9, wherein said electrolyzer is a multistage electrolyzer having a plurality of electrolytic treatment tanks fluidically serially connected.

Claim 13. (New) Method for treating ETA-containing wastewater according to claim 9, wherein said wastewater is regenerator effluent from a pressurized water reactor (PWR) nuclear power plant.

Claim 14. (New) Method for treating ETA-containing wastewater according to claim 9, wherein said wastewater contains at least one of hydrochloric acid and sulfuric acid.